

Ahmad Fudholi

List of Publications by Year in descending order

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179
papers

4,513
citations

136950

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h-index

114465

63
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179
all docs

179
docs citations

179
times ranked

2819
citing authors

#	ARTICLE	IF	CITATIONS
1	The development of a novel FM nanoadsorbent for heavy metal remediation in polluted water. South African Journal of Chemical Engineering, 2022, 39, 32-41.	2.4	2
2	Study of new Zn(II)Prolinedithiocarbamate as a potential agent for breast cancer: Characterization and molecular docking. Journal of Molecular Structure, 2022, 1252, 132101.	3.6	7
3	Natural larvicide mixed lime leaf extract and galangal rhizome to mortality Aedes aegypti larvae. Biocatalysis and Agricultural Biotechnology, 2022, 39, 102274.	3.1	1
4	Pressure drop analysis for organic Rankine cycle power generation system using low-grade heat sources. Case Studies in Thermal Engineering, 2022, 32, 101864.	5.7	6
5	Evaluation of impact, thermo-physical properties, and morphology of cornhusk fiber-reinforced polyester composites. Polymer Composites, 2022, 43, 2771-2778.	4.6	12
6	Kinetics of Lignin Removal from Rice Husk Using Hydrogen Peroxide and Combined Hydrogen Peroxide-Aqueous Ammonia Pretreatments. Fermentation, 2022, 8, 157.	3.0	6
7	The protective effect of nano calcium produced from freshwater clam shells on the histopathological overview of the liver and kidneys of mice exposed to mercury toxins. Journal of Trace Elements in Medicine and Biology, 2022, 71, 126963.	3.0	0
8	Mechanical and microstructural characteristics of Cu-Sn-Zn/ Gr metal matrix composites processed by powder metallurgy for bearing materials. Results in Engineering, 2022, 14, 100377.	5.1	9
9	Mathematical Model of the Thermal Performance of Double-Pass Solar Collector for Solar Energy Application in Sierra Leone. International Journal of Renewable Energy Development, 2022, 11, 347-355.	2.4	3
10	Inhibitory effects of Moringa oleifera leaves extract on xanthine oxidase activity from bovine milk. Pharmacia, 2022, 69, 363-375.	1.2	4
11	Drying Regimes on Regenerated Cellulose Films Characteristics and Properties. Membranes, 2022, 12, 445.	3.0	5
12	Predict the Shelf Life of Instant Chocolate in Vacuum Packing by Using Accelerated Shelf Life Test (ASLT). Mathematical Modelling of Engineering Problems, 2022, 9, 443-450.	0.5	2
13	Characterization of Indonesian Banana Species as an Alternative Cellulose Fibers. Journal of Natural Fibers, 2022, 19, 14396-14413.	3.1	7
14	Thermo-electro-hydraulic analysis of jet impingement bifacial photovoltaic thermal (JIBPVT) solar air collector. Energy, 2022, 254, 124366.	8.8	14
15	Design and performance of very low head water turbines using a surface vorticity model algorithm. International Journal of Power Electronics and Drive Systems, 2022, 13, 1140.	0.6	0
16	Hybrid model in machine learning-robust regression applied for sustainability agriculture and food security. International Journal of Electrical and Computer Engineering, 2022, 12, 4457.	0.7	1
17	Recent developments in lignin modification and its application in lignin-based green composites: A review. Polymer Composites, 2022, 43, 4848-4865.	4.6	50
18	Reduced output of photovoltaic modules due to different types of dust particles. Journal of Cleaner Production, 2021, 280, 124317.	9.3	42

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19	Geochemical methods for mapping available-Si distribution in soils in West Sumatra, Indonesia. <i>Geoderma</i> , 2021, 384, 114833.	5.1	2
20	Production of methane as bio-fuel from palm oil mill effluent using anaerobic consortium bacteria. <i>Journal of Cleaner Production</i> , 2021, 282, 124424.	9.3	10
21	Electrical Characteristic Analysis of Photovoltaic Thermal With And Without α -Groove Absorber. <i>Indonesian Journal of Electrical Engineering and Informatics</i> , 2021, 9, .	0.3	0
22	PROSPECT OF AEROGELS AS DESICCANT MATERIALS: POSSIBILITIES AND CHALLENGES. <i>Journal of Porous Media</i> , 2021, 24, 49-56.	1.9	3
23	Thermal performance of jet-impingement solar air heater with transverse ribs absorber plate. <i>Solar Energy</i> , 2021, 214, 355-366.	6.1	42
24	Morphology and mechanical properties of coconut shell powder-filled untreated cornhusk fibre-unsaturated polyester composites. <i>Polymer</i> , 2021, 222, 123657.	3.8	20
25	Physicochemical properties and In Vitro evaluation studies of polyvinylpyrrolidone/cellulose acetate composite nanofibres loaded with <i>Chromolaena odorata</i> (L) King extract. <i>Journal of Materials Research and Technology</i> , 2021, 12, 333-342.	5.8	11
26	Heat transfer and entropy generation analysis of internal flow of nanorefrigerant with slip condition at wall. <i>Thermal Science and Engineering Progress</i> , 2021, 22, 100829.	2.7	10
27	Power Bayesian Markov Chain Monte Carlo (MCMC) for Modelling Extreme Temperatures in Sumatra Island Using Generalised Extreme Value (GEV) and Generalised Logistic (GLO) Distributions. <i>Mathematical Modelling of Engineering Problems</i> , 2021, 8, 365-376.	0.5	1
28	Energy Analysis of Greenhouse Dryer for <i>Ficus Carica</i> L. Leaves. <i>International Journal of Heat and Technology</i> , 2021, 39, 810-816.	0.6	1
29	Implementation of Participatory Rural Appraisal (PRA) in Empowering Gapelek SMEs Using Partial Least Square (PLS) Analysis. <i>International Journal of Sustainable Development and Planning</i> , 2021, 16, 543-550.	0.7	0
30	Bi-fluid cooling effect on electrical characteristics of flexible photovoltaic panel. <i>Journal of Mechatronics, Electrical Power, and Vehicular Technology</i> , 2021, 12, 51-56.	0.3	13
31	Design and performance of amphiphilic lignin derivatives in enzymatic hydrolysis of sweet sorghum bagasse for bioethanol production. <i>BioResources</i> , 2021, 16, 5875-5889.	1.0	6
32	A review on natural fibers for development of eco-friendly bio-composite: characteristics, and utilizations. <i>Journal of Materials Research and Technology</i> , 2021, 13, 2442-2458.	5.8	262
33	Modeling of Bifacial Photovoltaic-Thermal (PVT) Air Heater with Jet Plate. <i>International Journal of Heat and Technology</i> , 2021, 39, 1117-1122.	0.6	4
34	Recent advances on lightweight aerogel as a porous receiver layer for solar thermal technology application. <i>Solar Energy Materials and Solar Cells</i> , 2021, 228, 111131.	6.2	21
35	Catechin Extracted from <i>Uncaria gambier</i> Roxb for Nanocatechin Production: Physical and Chemical Properties. <i>International Journal of Design and Nature and Ecodynamics</i> , 2021, 16, 393-399.	0.5	1
36	Current status of solar-assisted greenhouse drying systems for drying industry (food materials and) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	15.1	32

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37	Thermal Performance of Nanofluid Flow Inside Evacuated Tube Solar Collector. <i>International Journal of Heat and Technology</i> , 2021, 39, 1262-1270.	0.6	1
38	Accurate and Hybrid Regularization - Robust Regression Model in Handling Multicollinearity and Outlier Using 8SC for Big Data. <i>Mathematical Modelling of Engineering Problems</i> , 2021, 8, 547-556.	0.5	2
39	Effect of Different Papain Concentrations on the Properties of Chicken Skin Protein Hydrolysates. <i>International Journal of Design and Nature and Ecodynamics</i> , 2021, 16, 445-450.	0.5	1
40	Effect of salinity stress on the growth and yield of mungbean (<i>Vigna radiata</i> (L.) R. Wilczek) treated with mangosteen pericarp extract. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 36, 102132.	3.1	7
41	Differentiated sap (4â€“6) gene expression of <i>Candida albicans</i> isolates from HIV-positive patients with oral candidiasis and commensals in healthy individuals. <i>Microbial Pathogenesis</i> , 2021, 158, 105075.	2.9	5
42	Enhancement of bioethanol production from palm sap (<i>Arenga pinnata</i> (Wurmb) Merr) through optimization of <i>Saccharomyces cerevisiae</i> as an inoculum. <i>Journal of Materials Research and Technology</i> , 2021, 14, 548-554.	5.8	8
43	A novel application of simple submersible yeast-based microbial fuel cells as dissolved oxygen sensors in environmental waters. <i>Enzyme and Microbial Technology</i> , 2021, 149, 109831.	3.2	12
44	Energetic and exergetic analysis of a new double pass solar air collector with fins and phase change material. <i>Solar Energy</i> , 2021, 226, 260-271.	6.1	29
45	The effect of heat moisture treatment on crystallinity and physicochemical-digestibility properties of purple yam flour. <i>Food Hydrocolloids</i> , 2021, 120, 106889.	10.7	26
46	Optimization of maleic acid pretreatment of oil palm empty fruit bunches (OPEFB) using response surface methodology to produce reducing sugars. <i>Industrial Crops and Products</i> , 2021, 171, 113971.	5.2	22
47	Performance of Hybrid Solar Photovoltaicâ€“Diesel Generator and Battery Storage Design for Rural Electrification in Malaysia. <i>International Journal of Sustainable Development and Planning</i> , 2021, 16, 883-893.	0.7	0
48	Numerical analysis of the performance of a hybrid solar chimney system with an integrated external thermal source. <i>Thermal Science and Engineering Progress</i> , 2021, 26, 101127.	2.7	7
49	A review of atomic layer deposition for high lithium-ion battery performance. <i>Journal of Materials Research and Technology</i> , 2021, 15, 5466-5481.	5.8	10
50	A Comprehensive Review on Natural Fibers: Technological and Socio-Economical Aspects. <i>Polymers</i> , 2021, 13, 4280.	4.5	42
51	Effect of the Ethanol Extract of Mimosa Leaves on the Blood Glucose, Malondialdehyde, and Histopathological Characteristics of Wistar Rats. <i>Open Access Macedonian Journal of Medical Sciences</i> , 2021, 9, 1296-1301.	0.2	0
52	Eco-design of portable solar-powered telescopic lamp for off-grid areas in Indonesia. <i>International Journal of Power Electronics and Drive Systems</i> , 2021, 12, 2511.	0.6	0
53	Experimental study on performance of square tube absorber with phase change material. <i>International Journal of Energy Research</i> , 2020, 44, 1000-1011.	4.5	3
54	Revisiting social vulnerability analysis in Indonesia: An optimized spatial fuzzy clustering approach. <i>International Journal of Disaster Risk Reduction</i> , 2020, 51, 101801.	3.9	25

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55	Antimicrobial Imperata cylindrica paper coated with anionic nanocellulose crosslinked with cationic ions. International Journal of Biological Macromolecules, 2020, 164, 892-901.	7.5	13
56	Biological aspects of Myopopone castanea on itâ€™s prey Oryctes rhinoceros larvae. Journal of Insect Physiology, 2020, 125, 104089.	2.0	2
57	Lignin isolation from black liquor from oil palm empty fruit bunch using acid. Journal of Materials Research and Technology, 2020, 9, 11382-11391.	5.8	21
58	The utilization of corncob for the manufacture of charcoal briquette as an alternative fuel. Journal of Physics: Conference Series, 2020, 1563, 012022.	0.4	2
59	A Mixture of Piper Leaves Extracts and Rhizobacteria for Sustainable Plant Growth Promotion and Bio-Control of Blast Pathogen of Organic Bali Rice. Sustainability, 2020, 12, 8490.	3.2	33
60	A novel, portable Escherichia coli bacteria sensor using graphene as sensing material. Materials Chemistry and Physics, 2020, 254, 123459.	4.0	6
61	Characterisation of swellability and compressive and impact strength properties of corn husk fibre composites. Composites Communications, 2020, 18, 49-54.	6.3	29
62	A Comparative Study of Virgin Coconut Oil, Coconut Oil and Palm Oil in Terms of Their Active Ingredients. Processes, 2020, 8, 402.	2.8	32
63	Fitting of Weibull Distribution Method to Analysis Wind Energy Potential at Kuala Terengganu, Malaysia. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 69, 13-22.	0.6	1
64	Application of Nanofluids for Photovoltaic Thermal (PVT) Collectors: A Review. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 74, 35-44.	0.6	2
65	Overview on recent photovoltaic module cooling methods: advances PVT systems. International Journal of Electrical and Computer Engineering, 2020, 10, 15.	0.7	0
66	Thermal Performance of an Absorber Rod Type Solar Air Collector with Single-Path Design. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 69, 1-12.	0.6	0
67	Theoretical approach model of building integrated photovoltaic thermal air collector. International Journal of Power Electronics and Drive Systems, 2020, 11, 1002.	0.6	0
68	Energy-economic-environmental analysis of solar drying system: a review. International Journal of Power Electronics and Drive Systems, 2020, 11, 1011.	0.6	6
69	Improvement of Photovoltaic Module Efficiency using Spiral Absorber and Water. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 73, 131-139.	0.6	1
70	Electrical Characteristics of Photovoltaic Thermal Collector with Waterâ€™Titania Nanofluid Flow. Journal of Advanced Research in Fluid Mechanics and Thermal Sciences, 2020, 73, 20-28.	0.6	6
71	Implementation of Health Examination for Elector Recruitment Processes in the West Nusa Tenggara Province. Open Access Macedonian Journal of Medical Sciences, 2020, 8, 466-473.	0.2	0
72	Indoor and outdoor investigation comparison of photovoltaic thermal air collector. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1311-1317.	0.8	1

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73	Experimental investigation of photovoltaic thermal solar air collector with exergy performance comparison. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 19, 652.	0.8	1
74	Effect analysis of the different channel length and depth of photovoltaic thermal system with α -groove collector. International Journal of Electrical and Computer Engineering, 2020, 10, 1200.	0.7	0
75	Temperature Performance of a Portable Solar Greenhouse Dryer with Various Collector Design. Sains Malaysiana, 2020, 49, 2539-2545.	0.5	2
76	Solar photovoltaic/thermal-thermoelectric generator performance review. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012120.	0.3	4
77	Potential Evaluation of Wind Energy in Kuala Terengganu, Malaysia through Weibull Distribution Method. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012074.	0.3	6
78	The Development Model of Semar Counselling to Improve the Self-Esteem of Vocational Students with Psychological Distress. International Journal of Emerging Technologies in Learning, 2019, 14, 132.	1.3	4
79	Effect of sonication time on the thermal stability, moisture absorption, and biodegradation of water hyacinth (<i>Eichhornia crassipes</i>) nanocellulose-filled bengkuang (<i>Pachyrhizus erosus</i>) starch biocomposites. Journal of Materials Research and Technology, 2019, 8, 6223-6231.	5.8	128
80	Biomass and Industrial Wastes as Resource Materials for Aerogel Preparation: Opportunities, Challenges, and Research Directions. Industrial & Engineering Chemistry Research, 2019, 58, 17621-17645.	3.7	56
81	Performance of Solar Air Collector-Thermoelectric Hybrid System. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012071.	0.3	4
82	Energy and Exergy Analyses of Photovoltaic-Thermal (PV/T) System with TiO ₂ /Water Nanofluid Flow. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012075.	0.3	6
83	Investigation of TiO ₂ and MWCNT Nanofluids-based Photovoltaic-Thermal (PV/T) System. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012076.	0.3	11
84	Performance Evaluation of Absorber Rod Type Solar Air Collector. IOP Conference Series: Earth and Environmental Science, 2019, 268, 012073.	0.3	1
85	Characterization and properties of cellulose microfibers from water hyacinth filled sago starch biocomposites. International Journal of Biological Macromolecules, 2019, 137, 119-125.	7.5	44
86	TiO ₂ /water-based photovoltaic thermal (PVT) collector: Novel theoretical approach. Energy, 2019, 183, 305-314.	8.8	52
87	Exergy and improvement potential of hybrid photovoltaic thermal/thermoelectric (PVT/TE) air collector. Renewable and Sustainable Energy Reviews, 2019, 111, 132-144.	16.4	58
88	Review of drying technology of fig. Trends in Food Science and Technology, 2019, 88, 93-103.	15.1	41
89	Solidification of meloxicam self-nano emulsifying drug delivery system formulation incorporated into soluble and insoluble carriers using freeze drying method. IOP Conference Series: Materials Science and Engineering, 2019, 578, 012051.	0.6	4
90	A review of solar air flat plate collector for drying application. Renewable and Sustainable Energy Reviews, 2019, 102, 333-345.	16.4	132

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91	Exergy and sustainability index of photovoltaic thermal (PVT) air collector: A theoretical and experimental study. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 100, 44-51.	16.4	107
92	Energy and exergy analysis of air based photovoltaic thermal (PVT) collector: a review. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 109.	0.7	6
93	Review of solar photovoltaic/thermal (PV/T) air collector. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 126.	0.7	11
94	Review of water-nanofluid based photovoltaic/thermal (PV/T) systems. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 134.	0.7	18
95	Electrical and thermal efficiency of air-based photovoltaic thermal (PVT) systems: an overview. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019, 14, 1134.	0.8	8
96	Electrical characteristic of photovoltaic thermal collector with water-multiwalled carbon nanotube nanofluid flow. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2019, 13, 324.	0.8	3
97	Experiment study of water based photovoltaic-thermal (PV/T) collector. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 118.	0.7	5
98	Description of Parents's Knowledge, Gluten Free Casein Free (GFCF) Intake Frequency and Autism Children Behavior in Palembang. <i>International Journal of Engineering and Advanced Technology</i> , 2019, 8, 1166-1169.	0.3	0
99	Enhancing the Prospective Teachers's Higher Order Thinking Skills in Solving Pedagogical Problems. <i>International Journal of Innovative Technology and Exploring Engineering</i> , 2019, 8, 640-643.	0.3	0
100	Performance of grid-connected solar photovoltaic power plants in the Middle East and North Africa. <i>International Journal of Electrical and Computer Engineering</i> , 2019, 9, 3375.	0.7	2
101	Management of Potential Data on Websites for Communicating Research in Education Issue. <i>International Journal of Engineering and Advanced Technology</i> , 2019, 9, 3119-3122.	0.3	0
102	Relationship of Nutritional Substance toward HB Content of Chronic Kidney Failure Patients which Running Hemodialysis. <i>International Journal of Engineering and Advanced Technology</i> , 2019, 9, 1145-1450.	0.3	0
103	Efficiency and energy modelling for PVT air collector with extended heat transfer area: a review. <i>International Journal of Power Electronics and Drive Systems</i> , 2019, 10, 2029.	0.6	0
104	Heat transfer and efficiency of dual channel PVT air collector: a review. <i>International Journal of Power Electronics and Drive Systems</i> , 2019, 10, 2037.	0.6	2
105	Photovoltaic thermal (PVT) air collector with monofacial and bifacial solar cells: a review. <i>International Journal of Power Electronics and Drive Systems</i> , 2019, 10, 2021.	0.6	3
106	Log Pearson III Distribution and Gumbel Distribution Model for Rainfall Data in Pekanbaru. <i>International Journal of Engineering and Advanced Technology</i> , 2019, 9, 803-807.	0.3	0
107	Energy economic analysis of photovoltaic-thermal-thermoelectric (PVT-TE) air collectors. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 92, 187-197.	16.4	60
108	Energy and exergy analyses of photovoltaic thermal collector with η -groove. <i>Solar Energy</i> , 2018, 159, 742-750.	6.1	92

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109	Performance and economic analyses on solar-assisted heat pump fluidised bed dryer integrated with biomass furnace for rice drying. <i>Solar Energy</i> , 2018, 174, 1058-1067.	6.1	66
110	Photovoltaic thermal solar water collector designed with a jet collision system. <i>Energy</i> , 2018, 161, 412-424.	8.8	38
111	Energy and exergy efficiency of water-based photovoltaic thermal (PVT) systems: an overview. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 10, 987.	0.6	3
112	Review on Solar Collector for Agricultural Produce. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 414.	0.6	7
113	Review on Exergy and Energy Analysis of Solar Air Heater. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 420.	0.6	6
114	Primary Study of Tracking Photovoltaic System for Mobile Station in Malaysia. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 427.	0.6	3
115	Mathematical Modeling of Photovoltaic Thermal-Thermoelectric (PVT-TE) Air Collector. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 795.	0.6	8
116	R&D of Photovoltaic Thermal (PVT) Systems: an Overview. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 803.	0.6	12
117	Solar Drying Technology in Indonesia: an Overview. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 1804.	0.6	10
118	Overview of Photovoltaic Thermal (PVT) Water Collector. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 1891.	0.6	7
119	Exergy Assessment of Photovoltaic Thermal with V-groove Collector Using Theoretical study. <i>Telkomnika (Telecommunication Computing Electronics and Control)</i> , 2018, 16, 550.	0.8	8
120	Kecekapan Pengumpul PV/T menggunakan Pengumpul Terma Reka Bentuk Pilin. <i>Sains Malaysiana</i> , 2018, 47, 853-859.	0.5	1
121	Review on Optimised Configuration of Hybrid Solar-PV Diesel System for Off-Grid Rural Electrification.. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 1374.	0.6	1
122	Review on Energy and Exergy Analysis of Air and Water Based Photovoltaic Thermal (PVT) Collector. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 1367.	0.6	7
123	Experimental Study of Photovoltaic Thermal-Thermoelectric (PVT-TE) Air Collector. <i>International Journal of Power Electronics and Drive Systems</i> , 2018, 9, 1390.	0.6	2
124	Feasibility Study on Hybrid Solar Photovoltaic with Diesel Generator and Battery Storage Design and Sizing Using HOMER Pro [®] . <i>Jurnal Kejuruteraan</i> , 2018, S11, 69-76.	0.3	1
125	Energy Analysis of Hybrid Photovoltaic Thermal-Thermoelectric (PVT-TE) Air Collector System. <i>Jurnal Kejuruteraan</i> , 2018, S11, 47-56.	0.3	0
126	Review of Energy and Exergy Analysis of Photovoltaic-Thermal (PVT) Collector. <i>Jurnal Kejuruteraan</i> , 2018, S11, 23-30.	0.3	2

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127	Overview of Bifluid-based Photovoltaic Thermal (PVT) Systems. International Journal of Power Electronics and Drive Systems, 2018, 9, 1912.	0.6	4
128	Outdoor Performance Evaluation of Building Integrated Photovoltaic Thermal (BIPVT) Solar Collector with Spiral Flow Absorber Configurations. International Journal of Power Electronics and Drive Systems, 2018, 9, 1918.	0.6	4
129	Review of CO2 price in Europe using feed-in tariff rates. Renewable and Sustainable Energy Reviews, 2017, 69, 685-691.	16.4	23
130	Energy and exergy analyses of solar-assisted fluidized bed drying integrated with biomass furnace. Renewable Energy, 2017, 105, 22-29.	8.9	84
131	Post-Harvest Handling of Eucheumatoid Seaweeds. , 2017, , 131-145.		5
132	Mathematical modeling of photovoltaic thermal PV/T system with v-groove collector. AIP Conference Proceedings, 2017, , .	0.4	10
133	Mathematical modelling of a dual-fluid concentrating photovoltaic-thermal (PV-T) solar collector. Renewable Energy, 2017, 114, 1258-1271.	8.9	27
134	Implications of drying temperature and humidity on the drying kinetics of seaweed. AIP Conference Proceedings, 2017, , .	0.4	5
135	Photovoltaic Thermal (PVT) System with and Without Fins Collector: Theoretical Approach. International Journal of Power Electronics and Drive Systems, 2017, 8, 1756.	0.6	12
136	Drying Kinetics and Drying Models of Terong Dayak (Solanum lasiocarpum). Research Journal of Applied Sciences, Engineering and Technology, 2016, 13, 197-201.	0.1	0
137	Mathematical Modeling of Belimbing Dayak Fruit (Baccaurea angulata) Influence of Different Drying Air Temperature. Research Journal of Applied Sciences, Engineering and Technology, 2016, 13, 153-157.	0.1	0
138	Utilization of Holt's Forecasting Model for Zakat Collection in Indonesia. American Journal of Applied Sciences, 2016, 13, 1342-1346.	0.2	1
139	Design and Performance of Solar-assisted Fluidized Bed Drying of Paddy. Research Journal of Applied Sciences, Engineering and Technology, 2016, 12, 420-426.	0.1	22
140	Continuity Function on Partial Metric Space. Journal of Mathematics and Statistics, 2016, 12, 271-276.	0.2	2
141	Energy and exergy analysis of hybrid solar drying system. Contemporary Engineering Sciences, 2016, 9, 215-223.	0.2	23
142	Modeling of Annual Maximum Storm Intensity with Bayesian Markov Chain Monte Carlo (MCMC) and L-moment. Research Journal of Applied Sciences, Engineering and Technology, 2016, 13, 283-294.	0.1	0
143	Performances of Fluidized Bed Drying Integrated with Biomass Furnace for Drying of Paddy. Research Journal of Applied Sciences, Engineering and Technology, 2016, 13, 473-480.	0.1	1
144	Design Maximum Power Point Tracking (MPPT) on Photovoltaic Panels using Fuzzy Logic Method. American Journal of Engineering and Applied Sciences, 2016, 9, 789-797.	0.6	5

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145	Drying of salted silver jewfish in a hybrid solar drying system and under open sun: Modeling and performance analyses. International Journal of Green Energy, 2016, 13, 1135-1144.	3.8	18
146	Comparison of solar dryer and solar-assisted heat pump dryer for cassava. Solar Energy, 2016, 136, 606-613.	6.1	79
147	Activation Energy of Thin-layer Drying Kinetics of Belimbing Dayak Fruit (<i>Baccaurea</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	0.1	2
148	Annual Maximum Exchange Rate in Southeast Asia Based on Methods of L-moment and Maximum Likelihood. Research Journal of Applied Sciences, Engineering and Technology, 2016, 13, 273-276.	0.1	0
149	Research and Development Work on Solar Assisted Drying Systems. Research Journal of Applied Sciences, Engineering and Technology, 2015, 11, 701-714.	0.1	1
150	Comparison of Selected Metals Content in Cambodian Striped Snakehead Fish (<i>Channa striata</i>) Using Solar Drying System and Open Sun Drying. Journal of Environmental and Public Health, 2015, 2015, 1-6.	0.9	4
151	Rainfall Storm Modeling of Neyman-Scott Rectangular Pulse (NSRP) using Rainfall Cell Intensity Distributions. Research Journal of Applied Sciences, Engineering and Technology, 2015, 11, 969-974.	0.1	1
152	Neyman Scott Rectangular Pulse Modeling for Storm Rainfall Analysis in Peninsular Malaysia. Research Journal of Applied Sciences, Engineering and Technology, 2015, 11, 841-846.	0.1	0
153	Performances and improvement potential of solar drying system for palm oil fronds. Renewable Energy, 2015, 78, 561-565.	8.9	84
154	Review of solar drying systems with air based solar collectors in Malaysia. Renewable and Sustainable Energy Reviews, 2015, 51, 1191-1204.	16.4	101
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